

Product datasheet for **TP504580**

Acy3 (NM_027857) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse aspartoacylase (aminoacylase) 3 (Acy3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204580 protein sequence Red =Cloning site Green =Tags(s)

MSSSLPGSREPLLRVAVTGGTHGNEMCGVYLARYWLQNPGE LQRPSFSAMPVLANPAATAACCRYLDRDLN
RSCTLTFLGSTATPDDPYEVKRARELNQLLGPKGTGQAFDFTLDLHNTTANTGVCLISESNISFNHLCH
YLQRQNPGMPCRLFLYEPAGTETFSVESISKNGICLEMGPQPQGVLRADLFSRMRALVASILDFIELFNQ
GMDLPAFEMDIYRNLGSDVDFPRTADGDLAGTVHPQLQDHDHFEPLRPGEPFKLFGEDVLYEGDSIVYPV
FINEAAYYEKHVAFLKSEKIRVTVALLRLTPRSTQTP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	35.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Locus ID:	71670
UniProt ID:	Q91XE4
RefSeq Size:	1505



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Cytogenetics: 19 A

RefSeq ORF: 957

Synonyms: 0610006H10Rik; AA3; AAllI; Acy-3; AW107362; HCBP1

Summary: This gene encodes a member of the aminoacylase family of enzymes. This enzyme specifically deacetylates N-acetyl aromatic amino acids and mercapturic acids. Action of this enzyme on metabolites of the environmental contaminant trichloroethylene leads to the generation of toxic products that may lead to kidney failure. This protein has been found to bind to the hepatitis C virus core protein. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2014]